Industry Profiles

Transportation and Warehousing Industry

Alberta Human Resources and Employment

Overview:

The Transportation and Warehousing industry[1] in Alberta includes companies that:

- Transport passengers by rail, water, air or road
- Transport goods by rail, water, air, road or pipeline
- Warehouse or store goods

Section A: Business Environment
1. Employment and Unemployment Numbers and Rates
2. Industry Growth
3. Company Size
Section B: Human Resources Profile
1. Occupational Information
2. Demographics: Age and Gender
3. Wages
Section C: Additional Information
1. Links to Industry Associations
2. Links to Government Library Database

[1] Based on Statistics Canada Labour Force Historical Survey data and projections for the North American Industry Classification System (NAICS) major groups 48 and 49.

Section V: Business Environment

1. Employment and Unemployment Numbers and Rates:

All numbers are based on annual averages in 2005

- Employed Albertans = 1,784,400 people
- Albertans employed in Transportation and Warehousing = 106,900 people
- This industry employs 6.0% of all employed Albertans
- Unemployed Albertans = 73,100 people
- Albertans unemployed in Transportation and Warehousing = 2,700 people
- Unemployment rate for Alberta = 3.9%
- Transportation and Warehousing unemployment rate = 2.5%

For more information on employment numbers or for a historical comparison, go to the Labour Force Survey or Statistics Canada websites.

2. Industry Growth:

- The Transportation and Warehousing industry is expected to grow on average 2.0% annually from 2005 to 2010.
- Employment is expected to increase to 119,897 by 2010.
- This industry will provide 6.2% of new jobs in Alberta between 2005 and 2010.

Adapted from the Alberta Modified COPS Outlook (2005-2010).

Industry Productivity

- Contributed $37.34 Real Gross Domestic Product (GDP) per hour worked in 2004 or $78,469 Real GDP per worker.
- In comparison, Alberta's Real GDP was $39.60 per hour worked or $73,549 Real GDP per worker.

For more information see the Labour Productivity in Alberta report online.

Outlook

The Alberta Regional Occupation Outlook forecasts that over 9,000 jobs will be created in the Motor Vehicle and Transit Driver occupation over the forecast period of 2005 to 2010. The Alberta Occupational Demand and Supply Outlook forecasts supply shortages in the Transportation Officers and Controllers and in the Other Transport Equipment Operators and Related Workers occupations every year between 2005 and 2015.

The Alberta Economic Development Authority released a report predicting that growth in the Transportation industry will be highest for trucking and air followed by rail. Growth in Asian markets is expected to impact the industry over the next ten years as value-added and lower value resource shippers continue to rely on rail to reduce market access costs for both bulk heavy haul and intermodal container transport.

By 2013, the Alberta Motor Transportation Association is forecasting $7.0 billion worth of traffic, which is double the current level, between Alberta and the United States. Carriers are looking to larger equipment combinations and new technologies to enhance productivity. Intelligent transportation systems and advanced vehicle communications are being adopted by many firms seeking competitive advantages.

Warehousing and Logistics is a growing sector in Alberta due to a positive business environment and the province's central geographic location. The Warehousing industry will maintain its importance in the future as many firms are outsourcing their warehousing needs. Cost effective, state-of-the-art computer systems will be required throughout the industry for it to remain competitive.

3 - Company Size

Establishment Size	Alberta Business		Transportation and Warehousing	
Less than 20 employees	505,700	35.0%	22,700	26.0%
20 to 99 employees	501,600	34.7%	31,100	35.6%
100 to 500 employees	278,200	19.2%	19,500	22.3%
Over 500 employees	161,200	11.1%	13,900	15.9%

Data Source: Labour Force Survey Historical Review 2005, Statistics Canada

Section B – Human Resources Profile

1. Occupational Information

Some examples of occupations that can be found in the Transportation and Warehousing industry include:

- Airline Pilot
- Taxi Driver
- Warehousing Professionals
- Letter Carrier
- Truck Driver

For a complete listing of all occupations related to this industry as well as detailed information on educational and skill requirements, visit the Alberta Occupational Profiles website.

2. Demographics: Age and Gender

Gender in the Transportation and Warehousing industry:

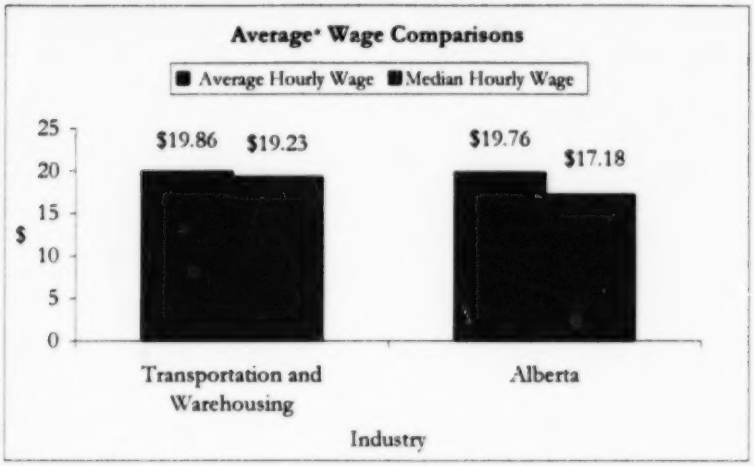
- Women employed: 29,700 people (27.8%)
- Men employed: 77,200 people (72.2%)

In comparison, women comprise 45% of the total employed in Alberta and men make up 55% of the employed.

Age Characteristics	Alberta Employees		Transportation and Warehousing Industry Employment	
	Number	%	Number	%
15- 24 years	311,800	17.5%	9,000	8.4%
25-54 years	1,236,400	69.3%	82,100	76.8%
55 years and over	236,200	13.2%	15,700	14.7%

Data Source: Labour Force Survey Historical Review 2005, Statistics Canada

3- Wages



Data Source: Labour Force Historical Review 2005, Statistics Canada
*Average represents the arithmetic mean

Wage and Salary Information for Selected Occupations

Occupation	Average Hourly Wage			Overall Average Salary
	Starting	After 3 years	Top	
Transportation Managers	**$ 21.12**	**$ 26.37**	**$ 29.12**	**$ 60,224**
Truck Drivers	**$ 16.38**	**$ 19.55**	**$ 22.47**	**$ 50,969**
Material Handlers	**$ 12.41**	**$ 14.71**	**$ 16.89**	**$ 30,533**
Bus Drivers and Subway and Other Transit Operators	**$ 11.40**	**$12.22**	**$ 14.19**	**$ 13,936**

Data Source: 2005 Wage and Salary Survey
*Average represents the arithmetic mean

For more information on wages, job descriptions, duties, required skills and educational requirements for specific occupations in the Transportation and Warehousing industry refer to the Wage and Salary Survey online.

Section C: Additional Information

1. Links to Selected Industry Associations:

- Canadian Industrial Transportation Association
- Railway Association of Canada
- Alberta Motor Transport Association
- Canadian Courier and Messenger Association
- Air Transport Association of Canada
- Canadian Trucking Alliance
- Supply Chain and Logistics Canada

2. Link to Government Library Database:

http://acscinfolink.gov.ab.ca/libraries/workplace/